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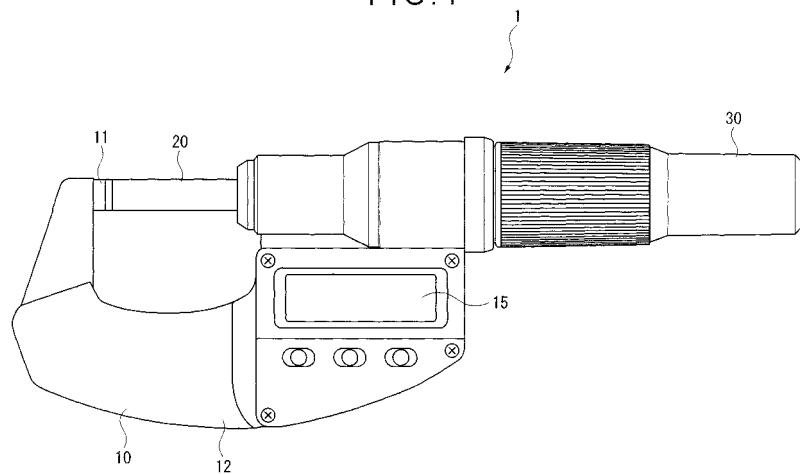
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(54) Micrometer

(57) A constant pressure mechanism (40) includes: a support shaft (41) including a shaft portion (411) that is provided on a base end of a spindle (20) coaxially with a center axis of the spindle (20) and inserted into a ratchet ring (33) of an operation section (30) and a head (412) of a diameter larger than the shaft portion (411) that is provided on a base end of the shaft portion (411); a ratchet claw (43) that is rotatable around a shaft (432) held by the head (412) and is provided with a sawtooth second

projection (434) to be engaged with a first projection (332) on a lateral side thereof, the ratchet claw (43) being disposed within the ratchet ring (33); and a biasing unit (44) that biases the ratchet claw (43) toward the first projection (332). Since the above-described members (41,43,44) are disposed in a space within the ratchet ring (33) orthogonal to the axial direction of the spindle (20), the constant pressure mechanism (40) can be shortened in length along the axial direction of the spindle (20), thereby reducing the size of the micrometer.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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The present search report has been drawn up for all claims			
2	Place of search	Date of completion of the search	Examiner
	Munich	22 June 2010	Malcoci, Andrei
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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ON EUROPEAN PATENT APPLICATION NO.

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